SHAN'GINA, V.F. (Leningrad); IVANOVA, T.M. (Leningrad)

Particular characteristics of the construction of clothing from double fabrics. Shvein.prom. no.2:26-29 Mr-Ap '65.
(MIRA 18:6)

CA

IIF

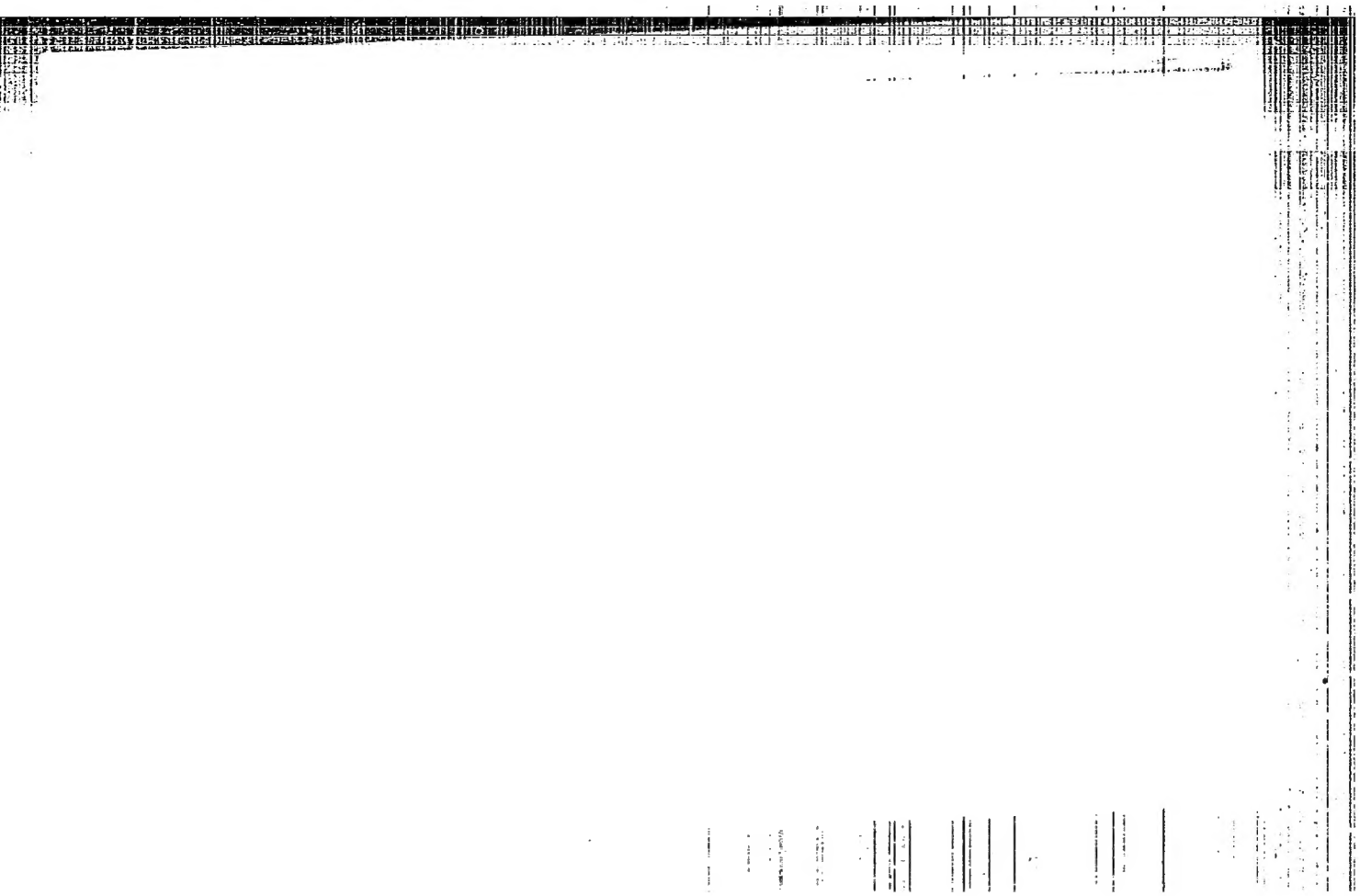
Are there nonphosphorylating mechanisms of glycolysis? T. N. Ivanova (State Univ., Leningrad). *Trudy Leningrad. Obshchestva Estestvoispytatelei, Otdel. Fiziol. i Biokhim.* 69, No. 5, 80-8(1950).—Pigeon-erythrocyte hemolyzates actively glycolyze glucose (I) and hexose diphosphates (II). Inhibitor activities were observed as follows: phlorizin, 100% for I, none for II; NaF, 50-100% for I, 28-91% for II; glyceraldehyde, 60-70% for I, none for II. After 4-6 hrs.' dialysis, hemolyzates are still active to II but not to I. Activity to I is then not restored by adenylic acid, adenosinetriphosphosphoric acid, Mg, codehydrogenase I, glutathione, cysteine, pyruvate, or combinations of these. The only pos. effect was obtained with a residue of boiled hemolyzate. Pigeon erythrocytes apparently contain no enzyme active to free I; but the nuclei contain a firmly held phosphorylating enzyme and a coenzyme which is easily removed by dialysis.

J. F. Smith

CA

11/8

Enzymic and nonenzymic reduction of methemoglobin V. N. Ivanova (State Univ., Leningrad). *Trudy Leningrad. Obshchestva Estestvoispytatelei, Otdel. Fiziol. i Biokhim.* **69**, No. 5, 54-71(1950). Glutathione (I) and ascorbic acid (II) reduce methemoglobin (III) to hemoglobin (IV) in vitro. When present together in this reaction, both I and II decrease; since II decreases equally in absence of I, its loss is not due to nonenzymic reduction by I. Purified amorphous lactic dehydrogenase forms with coelehydrogenase I and lactate a system (V) which actively reduces III, forming pyrotartaric acid. Addn. of reduced I accelerates this reduction without increasing the yield; oxidized I does not accelerate the reduction. Neither V nor hydrogenated coelehydrogenase I reduces oxidized I; and I does not catalyze reduction of III by V. Reduction of III by I or by V is less active in presence of nitrite than in presence of ferricyanide or quinone. Julian F. Smith



APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619230001-9"

Uchenyye zapiski Leningradskogo gosudarstvennogo universiteta. No. 164, Fiziologiya i
biokhimiya (Scientific Notes of the Leningrad State University, No. 164, Physiology and
Biochemistry), Leningrad University imeni A. A. Zhdanov Press.

Contents: The Physiology of Higher Nervous Activity -- E. A. Asratyan'yants, "O vnutrenney
signalizatsii" (On Internal Signalling); N. Ye. Vasilevskaya, "K voprosu o tsepyakh uslovnykh
refleksakh" (Toward the Question of Conditional Reflex Chains), etc; General Laws of Nervous
Processes -- L. L. Vasil'yev and N. A. Blochina, "Vosstanovleniye serdechnoy deyatel'nosti
razdrazheniyem ekstrakardial'nykh nervov" (Restoration of Heart Activity by Stimulation of
Extracardial Nerves); S. -e. Rudashevskiy, "O tsentral'nykh vliyaniyakh v sechenovskom
tormozhenii" (On the Central Influences of Sechenov Inhibitions") etc; Biochemistry--
G. Ye. Vladimirov, "Nekotoryye novyye dannyye po energeticheskoy kharakteristike reaktsii
glikoliza" (Several New Facts on the Energy Characteristic of the Glycolysis Reaction);
T. N. Ivanova, "Vozrastnyye izmeneniya kolichestv nukleinovykh kislot v skeletnoy i serdechnoy
myshtse krolika" (Age Modifications of the Number of Nucleic Acids in Skeletal and Cardiac
Muscles of the Rabbit); N. I. Prokhorova, "K voprosu ob uglevodnom obmene mozga pri
normal'nom ego sostoyanii" (On the Problem of the Carbohydrate Metabolism of the Brain
in Its Normal State"), etc.

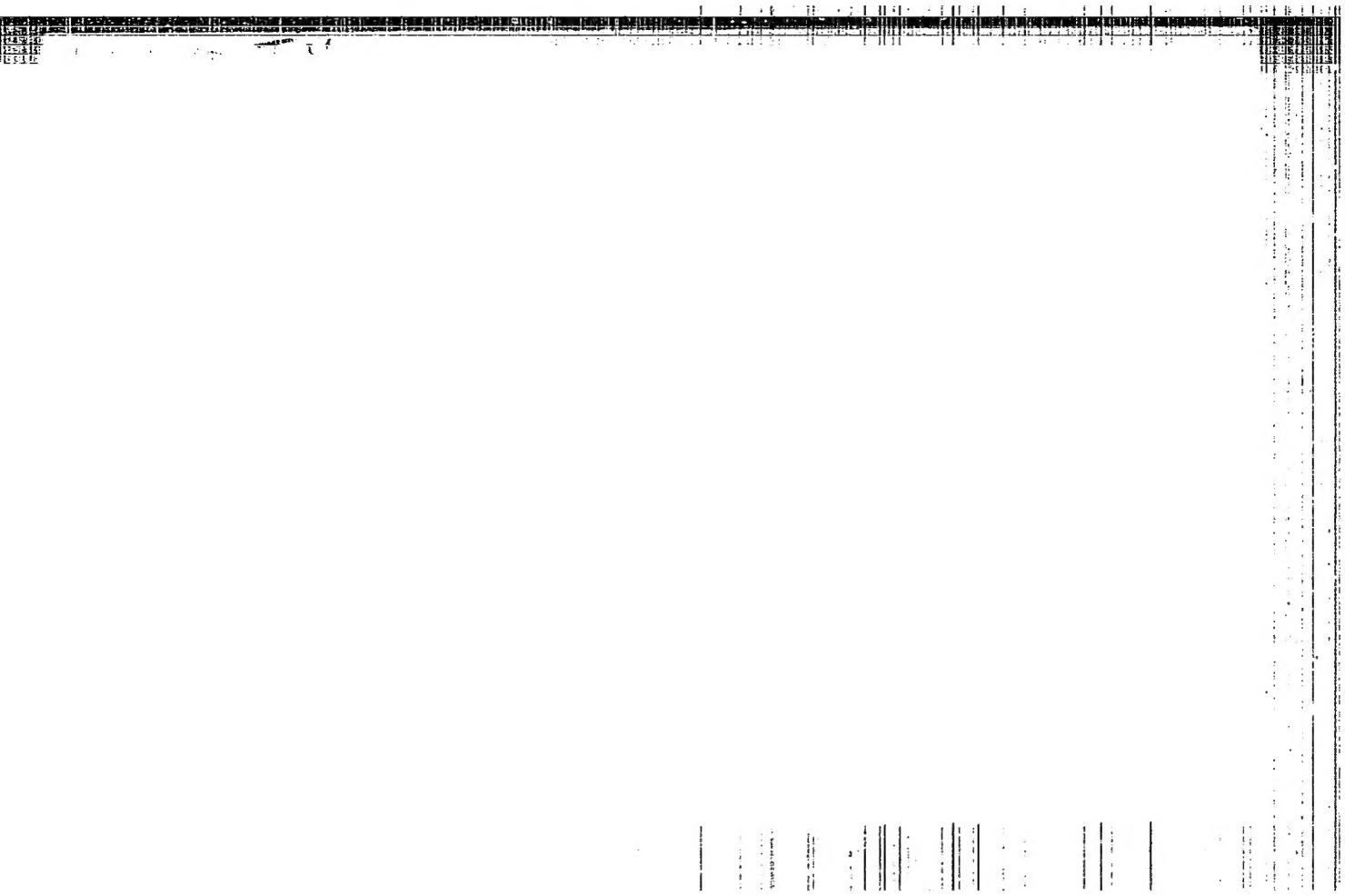
SO: Sovetskiye knigi (Soviet Books), No. 186, 1953, Moscow, (U-6472)

IVANOVA, T.N.

VLADIMIROV, G.Ye.; IVANOVA, T.N.; PRAVDINA, N.I.

Effect of the functional state on phosphorus compounds metabolism in cerebral tissue. Biokhimiia 19 no.5:578-585 S-O '54. (MLRA 7:11)

1. Laboratoriya biokhimii nervnoy sistemy Instituta fiziologii im. I.P.Pavlova Akademii nauk SSSR, Leningrad.
(BRAIN, metabolism,
phosphorus, eff. of stimulation)
(PHOSPHORUS, metabolism,
brain, eff. of stimulation)



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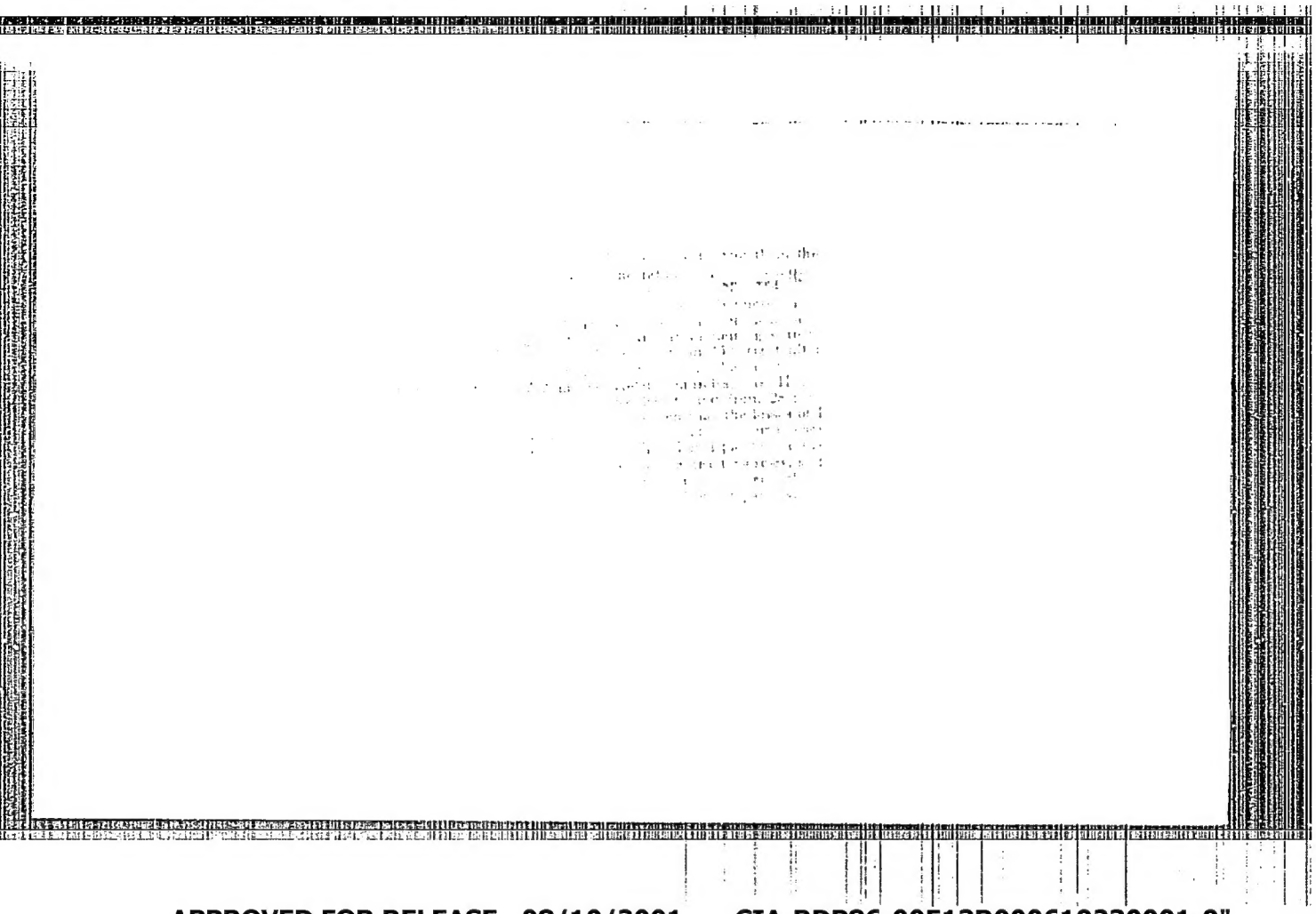


VLADIMIROV, G.Ye.; IVANOVA, T.N.; KUBRL', L.N.

Rate of phosphorus restoration in brain phospholipids in rats during rest and vollowing excitation of the central nervous system. Trudy Inst.fiziol. 5:409-415 '56. (MIRA 10:1)

1. Laboratoriya biokhimii nervnoy sistemy. Zaveduyushchiy - G.Ye. Vladimirov.
(PHOSPHORUS IN THE BODY) (BRAIN)

Ivanova, T. N.

The determination of the specific activity of the phosphorus of phosphoproteins of brain tissues and of the isolated phosphoserine. G. E. Vladimirov, T. N. Ivanova, and N. [illegible] (I. P. Pavlov Inst. Physiol., Acad. Sci. U.S.S.R., Leningrad). *Biokhimiya* 21, 155-62(1956); cf. C.A. 46, 101[illegible]. Exptl. procedures were the same as previously described (Text ref. 4). Rats were used as the exptl. animals. The detn. of the specific activity of P of phosphoproteins by extracting the phosphoprotein, which is in the form of phosphomolybdic complexes with isobutanol yielded more nearly true values than could be obtained by any of the procedures heretofore employed. By the method recommended, the relative specific activity of the phosphoprotein P of the brain of rats in a period of 2 hrs. was found to have [illegible] 40% instead of the previously reported [illegible]. [illegible] specific activity of phosphoprotein P of brain tissues is relatively high, approaching the specific activity of P of the original phosphoproteins. B. S. Levine

VLADIMIROV, G.Ye.; IVANOVA, T.N.; PRAVDINA, N.I.

Certain properties and rate of reconstitution of the phosphorous lipoid component of the protein residue of brain tissues. [with summary in English]. Biokhimiia 22 no.1/2:351-358 Ja-F '57. (MIRA 10:7)

1. Laboratoriya biokhimii nervnoy sistemy Instituta fiziologii im. I.P.Pavlova Akademii nauk SSSR, Leningrad.
(BRAIN, metabolism,
phosphorus-containing lipoid components of protein residue)
(LIPOPROTEINS, metabolism,
brain, phosphorus-containing lipoid component of protein residue (Rus))
(PHOSPHORUS, metabolism,
same)

VLADIMIROV, G.Ye.; IVANOVA, T.N.; PRAVDINA, N.I.; RUBEL', L.N.

The rate of turnover of cerebral phosphorus compounds in the brain in profound hypothermia. Biokhimiia 24 no.5:891-898 S-O '59. (MIRA 13:2)

1. Laboratoriya biokhimii nervnoy sistemy Instituta fiziologii imeni I.P. Pavlova AN SSSR.

(BRAIN metab.)
(PHOSPHATES metab.)
(HYPOTHERMIA INDUCED eff.)

IVANOVA, T.N.; PRAZDINA, N.I.; RUBEL', L.N.

Free nucleotides in the brain tissue and the renewal rate of their phosphate groups. Biokhimiia 27 no.2:293-304 Mr-Ap '62.
(MIRA 15:8)

1. Laboratory of Biochemistry of the Nervous System, Physiological Institute, Academy of Sciences of the U.S.S.R., Leningrad.
(NUCLEOTIDES) (PHOSPHORUS METABOLISM) (BRAIN)

RUDEL', L.Yu.; [illegible] ZA, T.N.

Phosphate metabolism of plasmalogenic phospholipides in the brain tissue. Dokl. AN SSSR 165 no.4:943-946 D '65.

(MIRA 18:12)

1. Institut fiziologii im. I.P.Pavlova AN SSSR. Submitted January 29, 1965.

IVANOVA, T.N.; POLEVAYA, N.I.

Age of intrusions of the Tannu-Ola complex in the Tuva Autonomous Province. Inform.sbor.VSEGEI no.3:65-68 '56. (MLRA 10:1)
(Tuva Autonomous Province--Rocks, Igneous)

IVANOVA, T.N.; POLEVAYA, N.I.

Age of intrusive rocks of the Syutkolskiy complex in Tuva. Inform. sbor. VSEGEI no.4:61-66 '56. (MLRA 10:4)
(Tuva Autonomous Province--Rocks, Igneous)

BEL'KOV, I.V.; GORBUNOV, G.I.; IVANOVA, T.N.; KOZLOV, Ye.K.; MAZUROV, M.K.; NAMOYUSHKO, V.I.; SAKHAROV, A.S.; TENNER, D.D.; GORBUNOV, G.I., kand. geol.-mineral. nauk, red.; DUBYAGO, V.N., tekhn. red.

[Mineral wealth of the Kola Peninsula] Bogatstva nedr Kol'skogo poluostrova. Murmansk, Knizhnaia red. "Poliarnoi pravdy," 1957. 128 p. (MIRA 11:10)

(Kola Peninsula—Mineralogy)

IVANOVA, T.M.

Role of assimilation in the formation of intrusions of the Tannu-Ola complex(Tuva Autonomous Province). Mat. VSEGEI no. 21:89-93 '57. (MIRA 11:7)

(Tannu-Ola Range--Rocks, Igneous)

IVANOVA, T.N.

Kukisvumchorr and Yuksper apatite-nepheline body. Vop. geol. i min. Kol'. poluos. no.1:25-94 '58. (MIRA 11:10)
(Khibiny Mountains--Petrology)

IVANOVA, T.N.; KOZLOV, Ye.K.

Horizontal differentiation in basic rocks of the Monchegorsk pluton.
Izv.Kar. i Kol'.fil.AN SSSR no.3:3-14 ' 58. (MIRA 11:12)

1. Geologicheskiy institut Kol'skogo filiala AN SSSR.
(Monchegorsk region--Rocks, Igneous)

IVANOVA, T.N.

Basic characteristics of the development of magmatism in Tuva.
Sov.geol. 2 no.11:29-44 N '59. (MIRA 13:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy geologicheskiy institut.
(Tuva Autonomous Province--Rocks, Igneous)

GORSTKA, V.N.; IVANOVA, T.N.

Geological features and petrographic characteristics of apatite and nepheline bodies in the Juel'pora and Poachvunchorr Mountains. Vop. geol. i min. Kol'. poluos. no.2:171-187 '60. (MIRA 13:10)
(Khibiny Mountains--Apatite)
(Khibiny Mountains--Nephelite)

IVANOVA, T.N., kand.geol.-mineral.nauk, otv.red.; DAYEV, G.A., red.izd-va; BOCHKVER, V.T., tekhn.red.

[Geology, mineralogy, and petrography of Khibiny Mountains] Voprosy geologii, mineralogii i petrografii Khibinskikh tundr. Moskva, 1961. 113 p. (MIRA 14:2)

1. Akademiya nauk SSSR. Kol'skiy filial, Kirov.
(Khibiny Mountains--Geology, Economic)

IVANOVA, T.N.; GALAKHOV, A.V.

"Lovozero alkaline massif" by K.A.Vlasov, M.V.Kuz'menko, E.M.Es'kova. Izv.AN SSSR.Ser.geol. no.3:115-116 Mr '61. (MIRA 15:2)
(Lovozero Tundras—Rocks, Igneous) (Vlasov, K.A.) (Kuz'menko, M.V.) (Es'kova, E.M.)

IVANOVA, T.N.

Structural-facies regionalization of Tuva for the epoch of the Early and the beginning of the Middle Cambrian. Trudy VSEGEI 58:21-31 '61. (MIRA 15:5)

(Tuva A.S.S.R.--Geology)

IVANOVA, T.N.; POLEVAYA, N.I.; VLADIMIRSKIY, G.M.; DOROFEYEVA, E.F.; ORLOV, D.M.; STANKEVICH, Ye.K.; UNKSOV, V.A.

Absolute age of some igneous and metamorphic rocks in the central part of the Altai-Sayan area. Trudy VSEGEI 58:213-225 '61. (MIRA 15:5)

(Altai Mountains--Geology, Stratigraphic)
(Sayan Mountains--Geology, Stratigraphic)

POLOVINKINA, Yu.Ir.; IVANOVA, T.N.

Viktor Arsen'evich Nikolaev; obituary. Trudy VSEGEI 73:4-6 '62. (MIRA 15:9)
(Nikolaev, Viktor Arsen'evich, 1893-1960)

IVANOVA, T.N.

Igneous activity of various Early Paleozoic structures in Tuva. Trudy VSEGEI 73:17-27 '62. (MIRA 15:9)
(Tuva A.S.S.R.--Geology, Structural)

GVOZDETSKIY, N.A., prof.; ZHUCHKOVA, V.K., dots.; ALISOV, B.P., prof.; VASIL'YEVA, I.V., dots.; VARLAMOVA, M.N., tekhnik-kartograf; DOLGOVA, L.S., dots.; ZVORYKIN, K.V., st. nauchnyy sotr.; ZEMTSOVA, A.I., assistent; IVANOVA, T.N.; LEBEDEV, N.P., st. prepodavatel'; LYUBUSHKINA, S.G.; NESMEYANOVA, G.Ya., mlad. nauchnyy sotr.; PASHKANG, K.V., st. prepod.; POLTARAUS, B.V., dots.; RYCHAGOV, G.I., st. prepod.; SPIRIDONOV, A.I., dots.; SMIRNOVA, Ye.D., mlad. nauchnyy sotr.; SOLNTSEV, N.A., dots.; FEDOROVA, I.S., mlad. nauchnyy sotr.; TSESEL'CHUK, Yu.N., mlad. nauchnyy sotr.; SHOST'INA, A.A., mlad. nauchnyy sotr.; Prinimali uchastiye: BELOUSOVA, N.I.; GOLOVINA, N.N.; KALASHNIKOVA, V.I.; KOZLOVA, L.V.; KARTASHOVA, T.N.; PAN'KOVA, L.I.; URKIKHO, V.; PETROVA, K.A., red.; LOPATINA, L.I., red.; YERMAKOV, M.S., tekhn. red.

[Physicogeographical regionalization of the non-Chernozem center] Fiziko-geograficheskoe raionirovanie nechernozemnogo tsentra. Pod red. N.A.Gvozdetskogo i V.K.Zhuchkovoi. Moskva, Izd-vo Mosk. univ., 1963. 450 p. (MIRA 16:5)
(Physical geography)

IVANOVA, Taisiya Nikolayevna; STANKEVICH, Ye.K., mladshiy nauchnyy sotr.; TARASOVA, L.I., laborant; BARSUKOVA, I.F., laborant; PETROVA, M.I., tekhnik-kartograf; BERSENEVA, R.M., star. tekhnik-kartograf; PAFFENGOL'TS, K.N., nauchn. red.; SHMAKOVA, T.M., tekhn. red.

[Characteristics of the development of Early Paleozoic igneous activity in various structures of Tuva] Zakonomernosti razvitiia rannepaleozoiskogo magmatizma v razlichnykh strukturakh Tuvy. Moskva, Gosgeoltekhizdat, 1963. 165 p. (MIRA 17:1)

1. Otdel petrografii Vsesoyuznogo nauchno-issledovatel'skogo geologicheskogo instituta (for all except Paffengol'ts, Shmakova).
(Tuva A.S.S.R.—Rocks, Igneous)

IVANOVA, Tat'yana Nikolayevna; TOCHILIN, M.S., doktor geol.-miner. nauk, prof., otv. red.; FEDOTOVA, A.I., red.izd-va; GUROVA, O.A., tekhn. red.

[Apatite deposits in the Khibiny tundras] Apatitovye mestorozhdeniia Khibinskikh tundr. Moskva, Gosgeoltekhizdat, 1963. 286 p. (MIRA 16:7)
(Khibiny Mountains--Apatite)

IVANOVA, T. N.

Ivanova, T. N. and Feofilaktov, V. V. - "The synthesis of ornithine following the method of V. V. Feofilaktov", Doklady (Mosk. s. -kh. akad. im. Timiryazeva), Issue 8, 1948, (In index: 1949), p. 96-100.

SO: U-411, 17 July 53, (Letopis 'Zhurnal 'nykh Statey, No. 20, 1949).

191T49

USSR/Chemistry - Biological Sep 51

"Action of Aromatic Diazocompounds on Alkylacetoacetic Esters as a Method for Preparing Arylhydrazones of α-Ketoacids, α-Aminoacids, and Indole Derivatives. XII. Synthesis of d,l-Methionine, V. F. Pacflektov, T. N. Ivanova, Chair of Org Chem, Moscow Order of Lenin Agri Acad imeni K. A. Timiryazev

"Zhur Obshch Khim" Vol XXI, No 9, pp 1684-1689

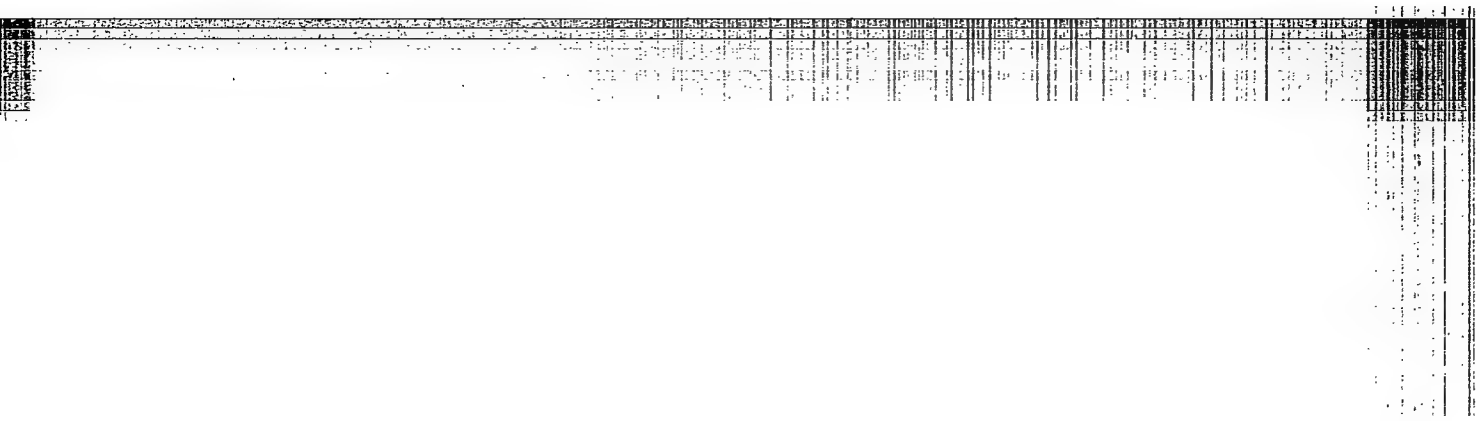
Synthesized d,l-methionine (I), starting from Et ester of γ-methylmercapto-α-acetobutyric acid (II), which was prepd (yield 54%) from Na acetoacetic ester

191T49

USSR/Chemistry - Biological (Contd) Sep 51

and β-chloroethylmethylsulfide. Reaction of II with phenyldiazonium chloride yielded phenylhydrazones of γ-methylmercapto-α-ketobutyric acid (III) and its Et ester (yields 73% and 71%, resp. Reduction of III gave 49% yield of I.

191T49



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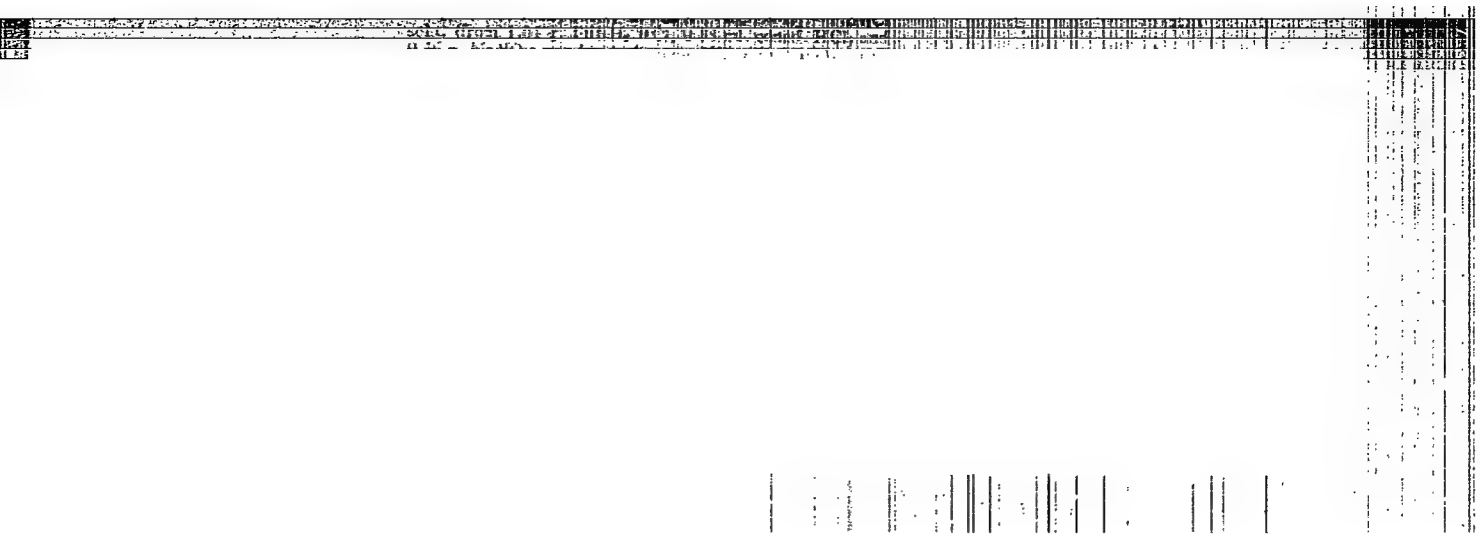

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FEOFILAKTOV, V.V.; IVANOVA, T.N.

Effect of aromatic diazo compounds on alkyl acetoacetic esters used for the preparation of aryl hydrazones of keto acids and α-amino acids, and of nitrous heterocyclic compounds. Part 17. Interaction of succinylsuccinic ester with aromatic diazo compounds. Zhur.ob. khim. 25 no.1:125-128 Ja '55. (MIRA 8:4)

1. Moskovskaya sel'skokhozyaystvennaya Akademiya im. K.A.Timiryazeva.
(Succinylsuccinic acid) (Diazo compounds)

LEVIN, A.M.; IVANOVA, T.N.

Technical and economic comparison of different forms of applying and methods of preparing toxic agricultural chemicals. [Trudy] NIUIF no.164:99-101 '59. (MIRA 15:5)
(Insecticides)

LEVIN, A.M.; IVANOVA, T.N.; GOLOVANEVA, A.N.

Prospects for the production of arsenic agricultural chemicals. [Trudy] NIUIF no.164:101-103 '59. (MIRA 15:5)
(Arsenic) (Agricultural chemicals)

UNANYANTS, T.P., doktor ekonomicheskikh nauk; IVANOVA, T.K.

Production and use of chemicals for the protection of plants in capitalist countries. Zhur. VKHO 5 no. 3:325-330 '60. (MIRA 14:2)

(Agricultural chemicals)

KAURICHEV, I.S.; IVANOVA, T.N.; NOZDRUNOVA, Ye.M.

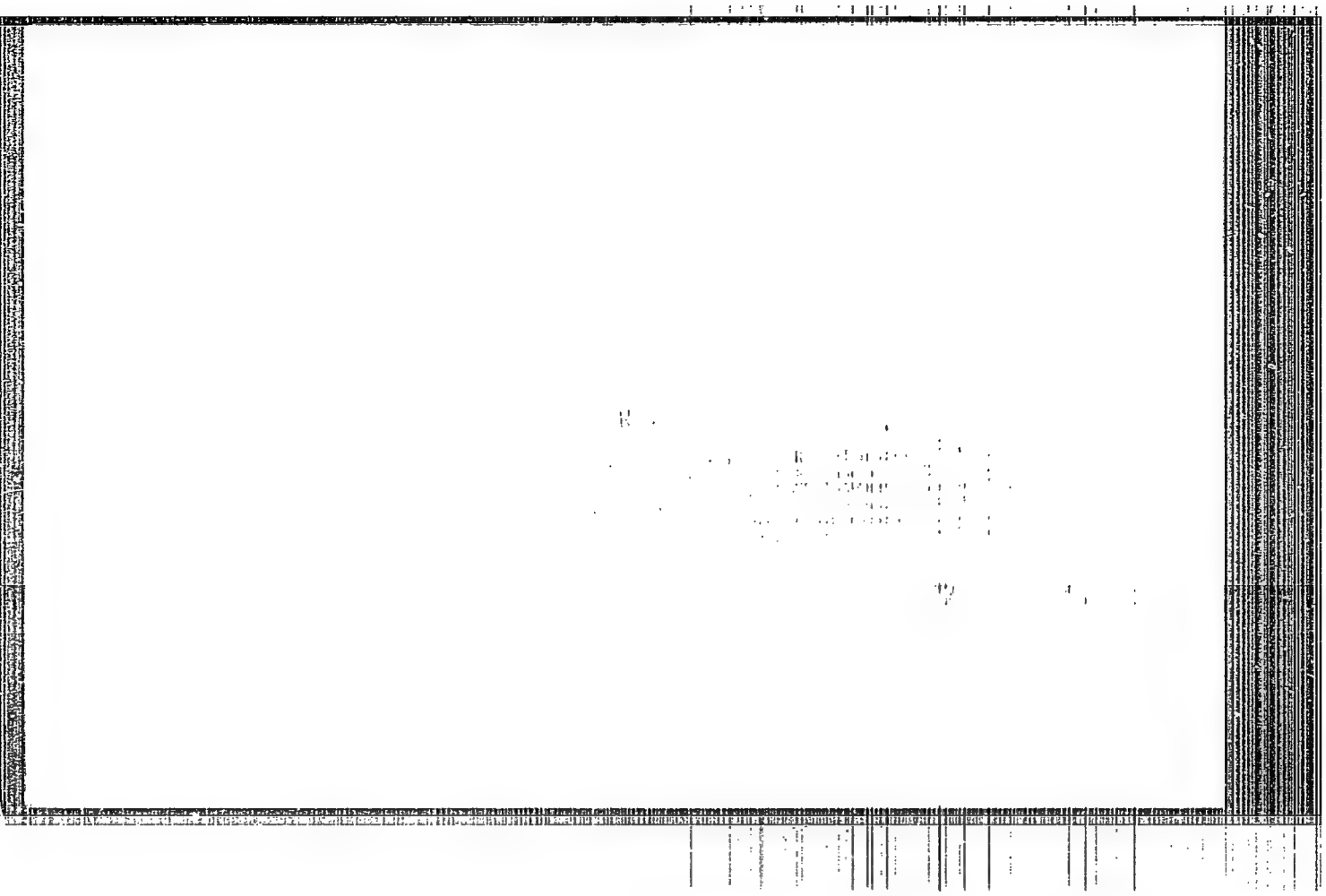
Low-molecular organic acids in the composition of water-soluble soil organic substances. Pochvovedenie no.3:27-35 Mr '63. (MIRA 16:3)

1. Moskovskaya sel'skokhozyaystvennaya akademiya imeni K.A.Timiryazeva i Moskovskiy oblastnoy pedagogicheskiy institut imeni N.K.Krupskoy.
(Humus) (Acid, Organic)

IVANOVA, T.N.; PRAVDINA, N.A.; GUBEL', L.N.

Determination of phosphatidylethanolamine and phosphatidylcholine phosphate metabolism in various parts of the rat brain. Biokhimiia 30 no.2:216-225 Mr-Ap '65. (MIRA 18:7)

1. Laboratoriya funktsional'noy biokhimii nervnoy sistemy Instituta fiziologii imeni Pavlova AN SSSR, Leningrad.



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IVANOVA, T. P.

T.P. Ivanova, K.S. Mansurova, E.G.Simakina

Visual observation of meteors in 1948

All Union Astronomic-Geoditic Society: Bulleting, Moscow.

9(16), 1950, 7020

From: Monthly list of Russian Accessions, Aug. 1951, Vol. 4, No. 5, p. 27
(Trans. Copy)

ZIZIN, V.G.; IVANOVA, T.S.

Determination of the hydrocarbon content of gases with the aid of aid of quinoline. Khim.i tekh.topl.i masel 6 no.4:68-70 Ap '61. (MIRA 14:3)

1. Bashkirskiy nauchno-issledovatel'skiy institut neftyanoy promyshlennosti.

(Hydrocarbons--Analysis)
(Quinoline)

NUSINOV, A. E.; IVANOVA, T. S.

Effectiveness of disinfecting barbers' brushes in relation to the pathogens of dermatomycoses. Vest. derm. i ven. no.6:62-65 '61. (MIRA 15:4)

1. Iz mikologicheskogo otdela (zav. - prof. A. M. Ariyevich) TSentral'nogo kozhno-venerologicheskogo instituta (dir. - kandidat meditsinskikh nauk N. M. Turanov) Ministerstva zdravookhraneniya RSFSR i Moskovskoy gorodskoy dezinfektsionnoy stantsii (glavnyy vrach N. N. Kudrinskiy)

(DERMATOMYCOSES) (SHAVING-BRUSHES--DISINFECTION)

IVANOVA, T.S.

Damage to cotton shoots in Stalinabad District, Tajikistan, from the nematode Panagrolaimoides multidentatus gen.nov.,sp. nov. (Nematoda, Panagrolaiminae). Trudy AN Tadzh.SSR 89: 123-131 '58. (MIRA 13:5)

1. Institut zoologii i parazitologii AN Tadzhikskoy SSR.
(Stalinabad District--Nematoda)
(Cotton--Diseases and pests)

IVANOVA, T. S., Cand of Bio-Sci --- (diss) "Fauna of Nematodes of Cotton and of the Soil Near its Roots in the Stalinobad Region of Tadzhikistan,"

Stalinabad, 1959, 15 pp (Acad Sci Tadzhik SSR. Division of Agricultural and Biological Sciences) (KL, 6-60, 121)

IVANOVA, T.S.

List of phytophagous and soil nematodes of Tajikistan. Izv. Otd.est.nauk AN Tadzh.SSR no.2:49-56 '59. (MIRA 13:4)

1. Institut zoologii i parazitologii AN Tadzhikskoy SSR.
(Tajikistan—Nematoda)

ZIZIN, V.G.; IVANOVA, T.S.; SOKOLOVA, V.I.

Chromatographic determination of the hydrocarbon composition of aromatic compounds. Khim i tekh. topl. i masel 9 no.3: 66-67 Mr '64 (MIRA 17:7)

1. Bashkirskiy nauchno-issledovatel'skiy institut po pererabotke nefti.

IVANOVA, T.S.

Anatomy of the peripheral nervous system of abdominal segments of the migratory locust (Locusta migratoria L.). Ent.obox. 32: 148-159 '52. (MLRA 7:1)

1. Laboratoriya morfologii, Instituta fiziologii im.I.P.Pavlova Akademii nauk SSSR, Leningrad. (Locusts)

IVANOVA, T.S.

Problem of afferent innervation of the small intestine. Doklady Akad. nauk SSSR 85 no. 4:901-904 1 Aug 1952. (CIML 23:3)

1. Presented by Academician K. M. Bykov 4 June 1952. 2. Institute of Physiology imeni I. P. Pavlov, Academy of Sciences USSR.

IVANOVA, T.S.

Innervation of the silk gland and the anatomical structure of its unpaired excretory duct in the tussah moth Anteraea pernyi Guer. (MLRA 7:5)
Ent.oboz. 33:198-200 '53.

1. Institut fiziologii im. I.P.Pavlova, Akademii nauk SSSR, Leningrad.
(Silkworms)

IVANOVA, T.S.

Afferent nerve endings of the human small intestines. Dokl. AN SSSR 105 no.1:170-171 N '55. (MLRA 9:3)

1. Institut fiziologii imeni I.P. Pavlova Akademii nauk SSSR. Predstavlene akademikom K.M. Bykovym.

(INTESTINES--INNERVATION)

IVANOVA, T.S.

Characteristics of the sensory endings of the small intestines.
Dokl.AN SSSR 105 no.3:603-605 N '55. (MLRA 9:3)

1. Institut fiziologii imeni I.P. Pavlova Akademii nauk SSSR.
Predstavleno akademikom K.M. Bykovym.
(Intestines--Innervation)

F

USSR/General and Special Zoology. Insects.

Abs Jour : Ref Zhur - Biol., No 6, 1958, No 25567

Author : Ivaneva T.S.
Inst : Not Given
Title : On the Innervation of Skeletal Muscles by the Azygous Nerve System in the Asiatic Locust (Locusta migratoria L.) (Orthoptera, Acrididae).

Orig Pub : Entomol. obozreniye, 1956, 35, No 4, 782-786

Abstract : It was made clear that three pairs of nerves which formed a dendritic peripheral nervous system emerged from the third thoracic ganglion. The azygous nerve emerged from the center of the ganglion on the dorsal side. The first pair of nerves innervated the dorsal musculature of the third thoracic segment of the locust, the second pair innervated the whole episternum musculature, to which belonged a portion of the wing muscles and the muscles of the femoral joint, the third pair of nerves furnished with nervous figers the whole epimeron musculature and innervated the musculature of the leaping

Card : 1/2

USSR/Human and Animal Morphology (Normal and Pathological) S-3
Peripheral Nervous System

Abs Jour : Ref Zhur - Biol., No 12, 1958, No 55098

Author : Ivanova T.S.
Inst : Academy of Sciences USSR (Institut fiziologii imeni I. P. Pavlova).
Title : Structure of the Cells II of the Dogel Type

Orig Pub : Dokl. AN SSSR, 112, No 6, 1113-1115 - 1957

Abstract : The fine-fibrous dendrite structure of the cells II of the Dogel type was investigated. It was established that the dendrites of these cells are divided into short and long ones. The short dendrites terminate in bushlike sensory systems and are located in the ganglion strand and on its periphery where they are found in the crer of the nerve cord and of the muscular tissue. These data confirm Dogel's assumptions as to the sensory nature of the cells.

Card : 1/1

20-114-3-55/60

AUTHOR: Ivanova, T. S.

TITLE: Type II Dogel Cells in the Small Intestine of Birds (Kletki II tipa Dogelya v tonkom otdele kishechnika ptits)

PERIODICAL: Doklady Akademii Nauk SSSR, 1957, Vol. 114, Nr 3, pp. 652-654 (USSR)

ABSTRACT: During the last century, physiologists pointed to the existence of an independent reflex in the autonomic nervous system; this observation is confirmed by present physiologists. The sensory term is here represented by the sensory Dogiel cells of the II type. In mammalia these cells are well investigated, but this is less true of primitive vertebrates. However, the comparative histological method is in a position to throw considerable light on the quality and the development of these cells. The paper under review contains morphological data with regard to the cells mentioned in the title of this paper. In the intramural ganglia of the intestine of chickens there exist many such cells. They are either oval or round. From their body, one to five short and long dendrites branch out. Axons originate in the short dendrites, less frequently from the cell body. Therefore the morphological ap-

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SOV/20-114-4-59/63

AUTHOR: Ivanova, T. S.

TITLE: The Sensory Elements of the Small Intestine (Chuvstvitel'nyye elementy tonkogo otdela kishechnika)

PERIODICAL: Doklady AN SSSR, 1957, Vol. 114, Nr 4, pp. 896 - 898 (USSR)

ABSTRACT: As experimental object the author used cats. She succeeded in determining by the methylene-blue method (according to A. S. Dogel') in total preparations that the medullated fibers in cats enter the intestine as a constituent part of a nerve trunk. After leaving the nerve trunk an individual fiber divides into several branches which spread in the muscular tissue of the intestine in a longitudinal and roundabout direction. Figure 1 shows such a medullated fiber. In its course it gives origin to nonmedullated fibers. Those divide several times dichotomously and form a complex treelike ending. The terminal branches very often end in plates. These afferent endings shall be interpreted as tips of the peripherical outgrowths of the ganglionic cells of the spinal cord. Besides these receptors the author determined shrublike sensory endings in the small intestine. These either lie in the stroma of the ganglion or on its periphery in the muscular tissue (figure 3), Figure 4 shows how af-

Card 1/2

The Sensory Elements of the Small Intestine

ferent endings developed at the expense of the ramification of a nonmedullated fiber, the terminals of these endings having the form of a plate ringlet. These shrublike formations are settled along the nerve trunk or on the periphery of the ganglion of the intermuscular plexus. From the material obtained the conclusion may be drawn that the small intestine of growncats is innervated by sensory apparatus which developed of medullated and nonmedullated nerve fibers. The former are outgrowths of the sensory cells of cerebrospinal origin. The latter are outgrowths of the sensory cells of type II according to Dogel'. There are 4 figures, and 4 references, 3 of which are Soviet.

ASSOCIATION: Institute for Physiology AS USSR imeni I. P. Pavlov
(Institut fiziologii im. I. P. Pavlova, Akademii nauk SSSR)

PRESENTED: January 21, 1957, by K. M. Bykov, Academician

SUBMITTED: January 15, 1957

IVANOVA, T.S.

Afferent innervation of vegetative plexuses. Dokl. AN SSSR 137 no.3 701-703 Mr '61. (MIRA 14:2)

1. Institut fiziologii im. I.P.Pavlova AN SSSR. Predstavleno akademikom V.N. Chernigovskim.

(MYENTERIC PLEXUS)

Ivanova, T. T.

SERIKOV, B.V.; IVANOVA, T.T.

Syndrome of "acute abdomen" in periarteritis nodosa. Vest. khir. 80 no.2:119-122 F '58. (MIRA 11:3)

1. Iz kafedry voyenno-polevoy khirurgii (nach.-prof. A.N.Berkutov) i kafedry patologicheskoy anatomii (nach.-prof. A.N.Chistovich) Voyenno-meditsinskoy ordena Lenina akademii im. S.M.Kirova. Adres avtora: Leningrad, Kostromskoy pr., d.71, kv.2.

(PERIARTERITIS NODOSA, compl.
acute abdom. synd. (Rus)
(ABDOMEN, ACUTE, compl.
periarteritis nodosa (Rus)

SHUSTIN, V.A.; IVANOVA, T.T. (Leningrad)

Angioreticuloma in the region of the gasserian ganglion. Vop. neirokhir. 25 no.3:58-59 My-Je '61. (MIRA 14:5)

1. Kafedra neyrokhirurgii Voyenno-meditsinskoy ordena Lenina akademii imeni S.M. Kirova.
(BRAIN--TUMORS)

SOV/124 57-8-9291

Translation from: Referativnyy zhurnal. Mekhanika, 1957, Nr 8, p 104 (USSR)

AUTHORS: Ivanova, T. V., Kladnitskiy, V. M.

TITLE: A Graphic Method for the Calculation of Some Thick-walled Vessels (Graficheskiy sposob rascheta na prochnost' nekotorykh tolstostennykh sosudov)

PERIODICAL: Tr. Dal'nevost. politekhn. in-ta, 1955, Nr 44, pp 21-31

ABSTRACT: The authors explain a graphic method for the calculation of thick-walled vessels by employing the substitution of the variable as explained by R. Grammel' [see Bitseno, K. B., Grammel', R., Tekhnicheskaya dinamika (Technical Dynamics). Gostekhizdat, 1952. Vol 2, p 23]. The calculation is based on the approximate formulae for the stress in a thick-walled vessel, which had been obtained by the authors in a previous publication (Tr. Dal'nevost. politekhn. in-ta, 1949, Nr 37).

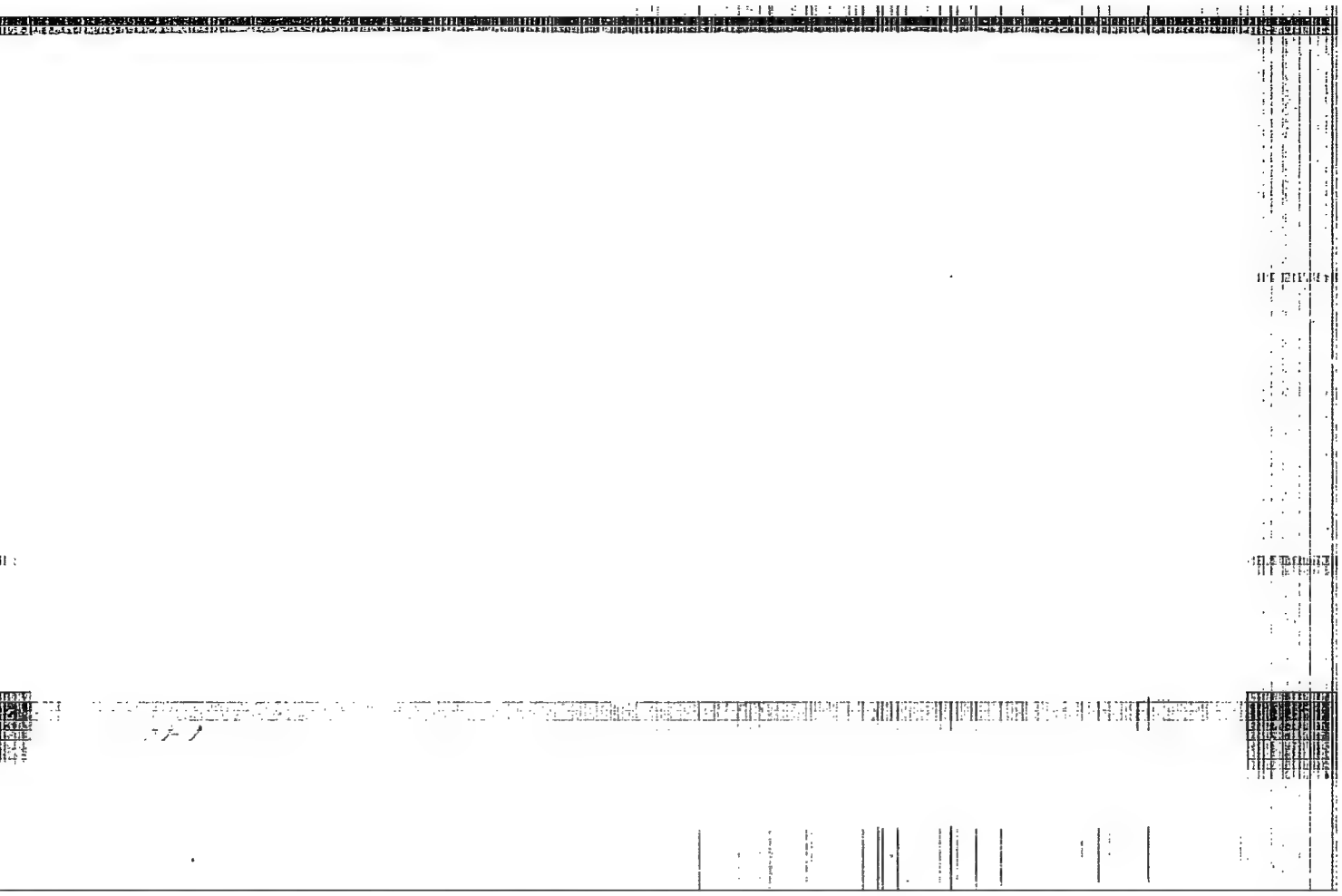
V. K. Prokopov

Card 1/1

IVANOVA, T.V.; KLADNITSKIY, V.M.; MARINENKO, N.S., red.

[Aproximate calculation of beams resting on footings undergoing linear deformations in longitudinal-transverse flexure] O priblizhennom raschete balok, lezhashchikh na lineino-deformiruemom osnovaii pri prodol'no-poperechnom izgibe; metodicheskoe posobie. Vladivostok, Dal'nevostochnyi politekhn. in-t, 1962. 4 p. (MIRA 17:4)

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619230001-9"



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32046
S/051/61/011/005/006/018
E202/E192

24.3500 (1137, 1138)

AUTHORS: Ivanova, T.V., and Sveshnikov, B.Ya.

TITLE: Luminescence of alcoholic solutions of benzene at - 196 °C

PERIODICAL: Optika i spektroskopiya, v.11, no.5, 1961, 598-605

TEXT: Phosphorescence and fluorescence spectra of alcohol solutions of benzene at -196 °C were studied. Basically, the analysis of fluorescence spectrum due to H. Shull (Ref.1: J. Chem. Phys., v.17, 295, 1949) and B.Ya. Sveshnikov and P.P. Dikun (Ref.2: DAN SSSR, v.65, 637, 1949; ZhETF, v.19, 1000, 1949) was confirmed. It was observed that, as predicted, the level of phosphorescence has either a symmetry B_{1u} or B_{2u}, but it is impossible to select the correct value on the basis of the analysis alone. Thus, the selection was made by comparing the phosphorescence spectrum of the benzene solution with the fluorescence spectrum. In this way it was shown that the structures and the mechanism of formation of these two spectra are quite different. In the fluorescence spectrum the most

Card 1/2

24039
S/020/61/138/003/011/017
B104/B205

94.3500

AUTHORS: Ivanova, T. V., Kudryashov, P. I., and Sveshnikov, B. Ya.

TITLE: Duration of ultraviolet fluorescence of some aromatic compounds

PERIODICAL: Doklady Akademii nauk SSSR, v. 138, no. 3, 1961, 572 - 574

TEXT: The phase fluorometer designed by A. M. Bonch-Bruyevich, V. A. Molchanov, and V. I. Shirokov (Pribory i. tekhn. eksp., 2, 53 (1959)) for measuring the duration of fluorescence has been tested. The excitation of fluorescence in benzene and its methyl mixtures required ultraviolet light having a wavelength shorter than 2700 A. The modulation equipment of the fluorometer consisted of crystals and aluminum mirrors. The ultraviolet light was produced by a mercury tube of the type ÇA-120 (SVD-120). The required Hg spectrum was obtained by means of interference filters for the Hg lines in the range required (<2700 A) and a concave diffraction grating (radius of curvature, 50 cm; 1200 lines per mm) the activator concentration varied from $1 \cdot 10^{-2}$ mole/l to $2 \cdot 10^{-1}$ mole/l according to brightness. From a paper by Bowen et al. (Trans. Farad. Soc.

Card 1/4

Duration of ultraviolet...

35, 765 (1939)) it is known that the fluorescence of most simple aromatic compounds is extinguished by atmospheric oxygen. Almost all values compiled in Table 1 were obtained from non-deaerated solutions, while some have been found with deaerated solutions. It may be seen that the sharp decrease of fluorescence observed by Bowen et al. in these compounds in the presence of atmospheric oxygen is accompanied by a substantial shortening of the duration of fluorescence. The extinction of fluorescence of naphthalene in hexane is briefly discussed. A value of 1.5 - 1.6 (i.e., nearly 1) is obtained for the probability of extinction by substituting the data on the period of fluorescence of naphthalene in deaerated and non-deaerated solutions, the data on the solubility of oxygen in hexane, and the kinetic radii of naphthalene and oxygen molecules in the formula for diffusive extinction (B. Ya. Sveshnikov, Acta physicochim. URSS, 1, 354 (1936)). It appears that this kind of extinction is caused by the diffusion of oxygen molecules into excited naphthalene molecules. T. N. Krylova is thanked for the filters she made available to the authors, and F. M. Gerasimov for making the diffraction grating. There are 1 table and 6 references: 2 Soviet-bloc and 4 non-Soviet-bloc. The most important references to English-language publications read as follows:

Card 2/4

Duration of ultraviolet...

D. S. Mc Clure, J. Chem. Phys., 17, 905 (1949); A. Sklar, J. Chem. Phys., 10, 135 (1942); A. Dammers de Klerk, Molec. Phys., 1, 141 (1958).

PRESENTED: January 20, 1961, by A. N. Terenin, Academician

SUBMITTED: January 11, 1961

Card 3/4

24039
S/020/61/138/003/011/017
B104/B205

Duration of ultraviolet...

Table 1.

1) Флуоресцирующее вещество	2) Растворитель	3) τ·10⁹, сек.	1) Флуоресцирующее вещество	2) Растворитель	3) τ·10⁹, сек
Бензол	a) Гексан	5,7	н-Бутилбензол	Гексан	6,8
	b) Гексан обезг.	26,0		Спирт	10,0
	c) Спирт	13,0	Кумол	Гексан	6,0
	d) Спирт обезг.	5,8		Спирт	10,6
Толуол	Гексан	20,0	Пентаметилбензол	Гексан	3,9
	Гексан обезг.	12,4		Спирт	4,3
	Спирт	24,0	Гексаметилбензол	Гексан	2,0
	Спирт обезг.	6,1		Гексан обезг.	6,0
Параксилол	Гексан	28,0	Псевдокумол	Спирт	12,6
	Гексан обезг.	13,0		Гексан	8,3
	Спирт	23,0	Нафталин	Гексан обезг.	103,0
	Спирт обезг.	6,0		Спирт	2,7
Ортоксилол	Гексан	12,2	Анилин	Спирт	4,7
	Спирт	6,0	Фенол	Спирт	2,0
Метаксилол	Гексан	12,4	Гидрохинон	Спирт	2,3
	Спирт	5,7	Резорцин	Спирт	10,0
Этилбензол	Гексан	11,1	Дифенил	Спирт	9,6
	Спирт	5,2	Трифенилметан	Спирт	3,0
н-Пропилбензол	Гексан	10,0	Толуидин	Спирт	19,0
	Спирт		Фенантрен		

Legend: 1) Fluorescent substance; from top to bottom: benzene, toluene, p-xylene, o-xylene, m-xylene, ethyl benzene, n-propyl-benzene, n-butyl benzene cumene, pentamethyl, benzene, hexamethyl benzene, ps-cumene, naphthalene, aniline, phenol, hydroquinone, resorcinol, diphenyl, triphenyl methane, toluidine, phenanthrene. 2) Solvents: a) hexane, b) hexane, deaerated; c) alcohol; d) alcohol, deaerated; 3) $\tau \cdot 10^9$ sec.

Card 4/4

S/051/62/012/005/008/021
E039/E120

AUTHORS: Ivanova, T.V., Mokeyeva, G.A., and Sveshnikov, B.Ya.

TITLE: On the dependence of the fluorescence of solutions of benzene, toluene and n-xylene on concentration of fluorescent material

PERIODICAL: Optika i spektroskopiya, v.12, no.5, 1962, 586-592

TEXT: The effect of concentration of the fluorescent materials on the fluorescence of benzene, toluene and n-xylene in deaerated solutions of alcohol, hexane and octane is investigated. It is shown that the fluorescence spectrum for solutions of n-xylene is practically unaffected by changes in concentration from 0.1 molo/litre up to the pure material. The fluorescence spectrum for toluene and more particularly for benzene shows a marked increase in intensity at the longer wavelengths for very high concentrations of activator. Curves showing the dependence of the duration and yield of fluorescence on concentration of activator for benzene and toluene pass through a minimum, while for n-xylene the duration and yield decrease continuously as the

Card 1/2

On the dependence of the fluorescence.. S/051/62/012/005/008/021
E039/E120

concentration of activator increases from very small values up to pure n-xylene. It is proposed that the observed effects in concentrated solutions of benzene and toluene can be explained by the existence of fluorescent dimers of these compounds. This hypothesis is confirmed by investigating the temperature dependence of the fluorescence spectrum for benzene. It is shown that a formula for the diffusion quenching of fluorescence by extraneous substances can be used in the case of oxygen quenching of the fluorescence of solutions of the investigated materials in saturated hydrocarbons.
There are 4 figures and 1 table.

SUBMITTED: April 5, 1961

Card 2/2

PASTUKHOVA, Zh.P.; IVANOVA, T.V.; PUCHKOV, B.I.; RAKHSHTADT, A.G.; ROGEL'BERG, I.L.

Effect of additions alloys on the properties of aluminum bronze. Metalloved. i term. obr. met. no.3:22-28 Mr '65. (MIRA 18:10)

1. Moskovskoye vysshaye tekhnicheskoye uchilishche im. Baumana i Gosudarstvennyy nauchno-issledovatel'skiy i proyektnyy institut splavov i obrabotki tsvetnykh metallov.

GORSHKOV, V.I.; PANCHENKOV, G.M.; IVANOVA, T.V.

Kinetics of alkali metal ion exchange on the sulfonated KU-2 cation exchanger in water and in 60% methyl alcohol. Zhur.fiz. khim. 36 no.8:1690-1694 Ag '62. (MIRA 15:8)

1. Moskovskiy gosudarstvennyy universitet imeni M.V.Lomonosova, kafedra fizicheskoy khimii.
(Metal ions) (Ion exchange resins)

S/029/60/000/05/09/024
B008/B017

AUTHOR: Ivanova, V.

TITLE: New Polymers

PERIODICAL: Tekhnika molodezhi, 1960, No. 5, pp. 16-17

TEXT: A report is given on the work performed by a group of scientists under the supervision of Professor A. A. Berlin. The following persons participated in this work which bears the title "Poliefiroakrilaty, stekloplastiki i izdeliya na ikh osnove" (Polyester Acrylates, Glass-reinforced Plastics, and Their Products): Ya.D. Avrasin, T. Ya. Kefeli, G.L. Popova, B. P. Terebenin, Ye. I. Yukhnin. In this case, the polymeric substances - polyester acrylates - "PEA" which have been produced for the first time in the USSR and which feature excellent properties, are concerned. In the presence of accelerators at room temperature and without pressure they may pass from a viscous-liquid state into a solid one. In this connection, their volume is only slightly reduced (0.15-4%). The PEA-saturated commercial glasscloths or fibers are either wound around a mold, or poured into a mold. Within one hour, a component of any shape is

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finished. These components produced in one process are more solid than steel, more elastic, lighter, and corrosionproof. "PEA" is used to produce corrosionproof protective and insulating varnishes as well as high-grade adhesives, and so-called filling pastes. Electrical and radio engineering are further fields of application. There is 1 figure.

CHISTOVICH, L.A.; IVANOVA, V.A.

Mutual masking of short auditory impulse [with summary in English].
Biofizika 4 no.2:170-180 '59. (MIRA 12:4)

1. Institut fiziologii imeni I.P. Pavlova AN SSSR, Leningrad.
(SOUNDS,
mutual masking of short auditory impulses (Rus))

137-58-5-11174

IVANOVA, V.A.

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 5, p 325 (USSR)

AUTHORS: Vinogradova, Ye.N., Ivanova, V.A.

TITLE: Diethyldithiophosphate Acid Employed in the Removal of Copper, Cadmium, Lead, and Bismuth from Zinc, as Well as in the Process of Polarographic Determination of Germanium in Presence of Arsenic (Primeneniye dietilditiofosfatnoy kisloty dlya otdeleniya primesey medi, kadmiya, svintsa i vismuta v tsinke i pri polyarograficheskom opredelenii germaniya v prisutstvii mysh'yaka)

PERIODICAL: Vestn. Mosk. un-ta. Ser. matem., mekhan., astron., fiz., khimii, 1957, Nr 3, pp 237-245

ABSTRACT: The process of separation of Cu, Cd, Pb, and Bi impurities from Zn is based on the fact that diethyldithiophosphate acid, $(C_2H_5O)_2PSSH$ (I), causes these elements to form precipitates which are poorly soluble in water, but readily soluble in non-polar solvents. Cu, Cd, and Pb precipitates are formed in acidic, as well as in neutral and alkaline solutions and are withdrawn with ether, the acidity of the medium remaining the same. Bi forms a complex compound which is insoluble in water and

Card 1/3

Diethyldithiophosphate Acid Employed (cont.)

which passes into the ether layer only in acidic media with a pH no greater than 3.2. Salts of Fe and Zn do not precipitate out under these conditions, and ions of these elements do not appear in the ether extract. In the course of analysis, a 50-cc portion of a 10% Zn solution, containing 0.002% each of Cu, Pb, Cd, Bi, and Fe, is diluted with 50 cc of 2-N HCl. 50 cc of the mixture obtained are treated with 25 cc of 0.05 8-N I and are then twice extracted with ether. The ether contained in the extract is driven off; after treating the residue with 1 cc of HNO_3 and evaporating it almost to dryness. HCl is added and the evaporation procedure is repeated. After dissolving the residue in a mixture of 3-5 drops of concentrated HCl and 5 cc of water, the solution is placed into a 25-cc flask to which 10 cc of a 44% sodium tartrate solution are added together with 1 cc of CH_3COOH (1:2) and 10 drops of a 0.2% solution of methyl red; the level is raised to a predetermined mark by means of adding water, O_2 is removed by a stream of H_2, and the Cu, Cd, Pb, and Bi are polarographed. The process of determination is accomplished by the method of increments, the error being equal to 1.6-4.9%. It is established that in the presence of Ge As can be completely precipitated by the action of I. I is added to a solution in which the Ge-As ratio is 1/500 and the concentration is 3 N in terms of HCl, in an amount which is approximately three times greater than the As content. After filtering out the As precipitate and washing it in

137-58-5-11174

Diethyldithiophosphate Acid Employed (cont.)

5 cc of I, the filtrate is neutralized with a base in the presence of phenolphtalein, and the volume is brought to 50 cc by a 0.05-M KCl solution in a borate buffer (pH 8.37). Under these conditions a well defined polarographic step is obtained for the Ge ($E_{1/2}$=1.4 v), while the magnitude of the current remains a linear function of the concentration. No concurrent precipitation of Ge and As was observed.

N. G.

1. Zinc--Purification 2. Metals--Reduction 3. Germanium--Determination
4. Arsenic--Applications

Card 3/3

KOSTRIKIN, Yu.M., kand.tekhn.nauk; GOFMAN, I.N., inzh.; IVANOVA, V.A.

Removing iron from water by means of cellulose. Teploenergetika 7 no.3:13-17 Mr '60. (MIRA 13:5)

1. Vsesoyuznyy teplotekhnicheskiy institut i Novo-Kemerovskaya teploelektrotsentral'.
(Feed--Water purification)

IVANOVA, V.A., kand.tekhn.nauk; STEPANOV, A.V., kand.tekhn.nauk; VASIL'YEVA, A.V., inzh.; PUCHKIN, A.V., inzh.; FRIDMAN, P.A., inzh.

An accelerated method for determining the acidity and the acid number of fresh and spent mineral oils. Teploenergetika 10 no.2:90 F '63. (MIRA 16:2)

(Mineral oils)

BRODOVICH, A.I., doktor tekhn.nauk; ZOLOTNITSKAYA, M.Ye., kand.tekhn.nauk; PERMAN, N.M.; Prinimali uchastiye: ISAYENKO, N.F.; IVANOVA, V.A.; OGNENKO, L.D.

Process of desorption of benzene hydrocarbons from the absorbent oil in a turbogrid-type plate column. Koks i khim. no.4:38-42 '61. (MIRA 14:3)

1. Khar'kovskiy nauchno-issledovatel'skiy uglekhimicheskiy institut (for Grodovich, Zolotnitskaya, Isayenko, Ivanova, Ognenko). 2. Khar'kovskiy koksokhimicheskiy zavod (for Perman).
(Hydrocarbons)

FINKEL'SHTEYN, G.E.; IVANOVA, V.A.

Determining the dust-emission properties of printing paper. Bum.prom. 38 no.12:19-21 F '63. (MIRA 16:2)

1. Ukrainskiy nauchno-issledovatel'skiy institut tsellyuloznoy i bumazhnoy promyshlennosti.
(Paper—Testing)

KHROMOV-BORISOV, N.V.; IVANOVA, V.A.

Substituted diacetyl derivatives of 1,4- and 1,5-naphthylenediamines, containing quaternary ammonium groups in the acetyl groups. Zhur.ob. khim. 30 no.10:3196-3202 O '61. (MIRA 14:4)

1. 1-y Leningradskiy meditsinskiy institut.
(Naphthalenediamine)

IVANOVA, V. A.

Dissertation: "Physiological Indicators of the Frost Resistance of New Selected and Michurin Varieties of Apple Trees Under Moscow Oblast Conditions." Cand Biol Sci, Moscow Oblast Pedagogical Inst, 22 Apr 54. (Vechernyaya moskva, Moscow, 12 Apr 54)

SC: SUM 243, 19 Oct 1954

IVANOVA, V. A.

Dissertation: "Ostracoda of the Ordovician Period of the Siberian Platform and Its Stratigraphical Significance." Cand Geol-Min Sci, Inst of Geological Sciences, Acad Sci USSR
2 Jun 54. Vechernyaya Moskva, Moscow, 21 May 54.

SO: SUM 284, 26 Nov 1954

IVANOVA,Ye.A.; SOSHKINA,Ye.D.; ASTROVA,G.G.; IVANOVA,V.A.

Ecology and stratigraphic significance of the Ordovician and Gotlandian fauna in the lower course of the Stony Tunguska River. Trudy Paleont.inst. no.56:93-196 '55. (MLRA 8:12)
(Stony Tunguska River--Paleontology)

NETSKAYA, A.I.; IVANOVA, V.A.

The first Ostracoda finds in the lower Cambrian of eastern Siberia. Dokl.AN SSSR 111 no.5:1095-1097 D '56. (MLRA 10:2)

1. Paleontologicheskiy institut Akademii nauk SSSR. Predstavleno akademikom S.I. Mironovym.
(Siberia, Eastern--Ostracoda, Fossil)

IVANOVA, V.A.

Some Ordovician ostracods of the Siberian Platform. Paleont. zhur. no.4:130-142 '59. (MIRA 13:6)

1. Paleontologicheskiy institut Akademii nauk SSSR.
(Siberian Platform--Ostracoda, Fossil)

KANDINOV, N.N.; IVANOVA, V.A.

Paleogene stratigraphy of the southern Aral Sea region. Trudy SGPK no.1:54-84 '60. (MIRA 13:10)
(Aral Sea Region--Geology, Stratigraphic)

IVANOVA, V.A.

New and previously unknown genera of Ostracoda in the U.S.S.R. from Ordovician sediments of the Siberian Platform. Mat.k "Osn.paleont." no.3:71-83 '59. (MIRA 15:7)
(Siberian Platform--Ostracoda, Fossil)

IVANOVA, V.A.

Origin and phylogeny of Ostracodoidea. Paleont.zhur. no.3:21-27 '60.
(MIRA 13:10)

1. Paleontologicheskiy institut Akademii nauk SSR.
(Ostracoda, Fossil)

IVANOVA, V.A.

Martinssonopsis, a new genus of ostracods from the Middle Ordovician of the northeastern U.S.S.R. Paleont. zhur. no.2:54-59 '63. (MIRA 16:8)

1. Paleontologicheskiy institut AN SSSR.
(Siberia, Eastern—Ostracoda, Fossil)

BONDAREVA, T.P.; IVANOVA, V.A.

Fourth Coordination Conference of Soviet Micropaleontologists.
Paleot. zhur. no.3:132-134 '63. (MIRA 16:10)

IVANOVA, V.A.

New Bradoriida species (Ostracodoidea) from the Aldan stage of Kharaulakh Range. Paleont. zhur. no.4:111-113 '64.
(MIRA 18:3)

1. Paleontologicheskiy institut AN SSSR.

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INVENTORS: Azovtsev, A. A.; Bolkhovitinov, V. K.; Ivanova, V. A.; Kolpakova, O. A.; Kyun, Yo. V.; Savel'yev, Yu. F.; Drozdov, A. I.; Byunau, A. E.

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TITLE: A device for automatically controlling the movement of ship models on deeply immersed underwater vanes. Class 21, No. 186547 [announced by Central Scientific Research Institute imeni Academian A. N. Krylov (Tsentral'nyy nauchno-issledovatel'skiy institut)]

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ABSTRACT: This Author Certificate presents a device for automatically controlling the movement of ship models on deeply immersed underwater vanes, with the use of a tow device and of a measuring arm. The design makes it possible to accomplish the programmed changes of the model, conforming to angles of trim difference, of heeling, and of yaw. It also makes it possible to measure the instantaneous values of all these angles and the magnitudes of the vertical displacement of the model. The lower end of the measuring arm is mounted on a Cardan ball joint. The upper end of the arm is set in a control housing which is the inner frame of a second Cardan joint.

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The outer frame of this second Cardan joint is rigidly fastened to the frame of the tow device.

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Card 2/2

FINKEL'SHTEYN, G.E.; VAYSMAN, L.M.; LANTSETER, Ye.M.; Prinimali uchastiye:GIL'BERG, V.B., inzh.; BELEN'KIY, D.S., inzh.; IVANOVA, V.A., inzh.; PEDOSENKO, V.A., inzh.; YAKOVENKO, Yu.B., inzh.

Device for technological control of the content of current-conducting inclusions in condenser paper. Bum. i der. prom. no.4:6-12 O-D '63. (MIRA 17:3)

1. Ukrainskiy nauchno-issledovatel'skiy institut bumazhnoy promyshlennosti.